

DAILY REPORT #119 – DORIS NORTH INFRASTRUCTURE/ NORTH DAM

Prepared by:	Lowell Wade	Date:	2012.05.03
Reviewed by:		Project #:	1CH008.058.0320
Role	Company	Personnel – Position	On Site
Client	Hope Bay Mining Limited (HBML)	Angela Holzapfel – ESR Compliance Manager David Vokey – ESR Coordinator Dean Wold - Safety Jill Turk – ESR Coordinator Katsky Venter – ESR Manger Michelle Tanquay – ESR Site Manager Stirling Kelly – HSLP Advisor	No No No Yes No No Yes
	JDS	Doug Fielding – Construction Manager Ishan Fechter – Construction Coordinator Jerry Graham – Construction Manager Mark Valeriot – Construction Manager Calvin Goldschmidt – Construction Coordinator	No No Yes No Yes
Engineering Design Consultants	SRK Consulting (Canada) Inc.	Lowell Wade-Site Engineer Lawrence Borowski – Site Engineer	Yes No
Earthworks Contractor	Nuna Logistics	Doug Haverland – Area/Site Superintendent Gary Sodhi – Field Engineer Georges Cornelissen – Survey Manager Jeff Roberts - Surveyor Jim Cardinal – Site Services Foreman Mike MacMaster – Surveyor Mike Price – Field Engineer Rick Peter – Foreman Trevor Sorken – Area/Site Superintendent	No Yes Yes No Yes No No Yes Yes
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WEATHER (ROBERTS BAY)

<http://www.wunderground.com/weatherstation/WXDailyHistory.asp?ID=INUNAVUT3>

Temperature/Wind Chill (°C)	6AM: -16.7/-23.7	12PM: -9.8/-16.7	6 PM: -4.3/-10.8	12 AM: -7.1/-13.7
Precipitation (mm)	Rain: None		Snow: None	
Conditions	Day Shift: Sunny and clear with moderate winds from the southeast		Night Shift: N/A.	
Daily norms (°C)	24 hour high: -4.1		24 hour low: -18.6	

HEALTH, SAFETY AND ENVIRONMENT

- Nothing to report

COMMENTS, CORRESPONDENCE, AND ACTIVITIES**DAILY MEETING WITH NUNA AND HBML TEAM:**

- The daily meeting was attended by Nuna [Trevor Sorkin], ESR [Jill Turk], JDS [Jerry Graham, Calvin Goldschmidt], SRK [Lowell Wade], HBML [Stirling Kelly]

Topic	Status
Health and Safety and Environment	<ul style="list-style-type: none"> • Safety: <ul style="list-style-type: none"> ○ Nothing to report. • ESR: <ul style="list-style-type: none"> ○ Nothing to report.
North Dam	<ul style="list-style-type: none"> • ND-DSP-070 will be installed today. • ND-IN-120-3 to be cleaned out using the Vacuum Truck. • ND-IN-070 Inclinometer Installations to be started. • Large ROQ boulders to be placed today for Surface Survey Point installation.
Water Management Structures	<ul style="list-style-type: none"> • Clean-up at Old Windy Camp continues • The empty enviro-tanks to be moved to the Reagent Pad
General	<ul style="list-style-type: none"> • A traffic flow diagram to be generated and posted around Doris Camp. • Last Hercules Airlift tonight. • Buffalo flights to airlift the 50,000 lbs of Calcium Chloride start today. It is expected 5 / 6 flights per day on the All-Weather Airstrip which will disrupt traffic to / from Roberts Bay

SURVEY:

Required	<ul style="list-style-type: none"> • The following as-built files for the North Dam: <ul style="list-style-type: none"> ○ Final compiled ROQ surface and linework [CAD processing upcoming] ○ Final compiled lower GCL surface [CAD processing upcoming] ○ Compiled file of thermistor cables and thermistor cable bedding material (surfaces and linework) this would be for the entire path of the thermistor cables including the information from last year. [CAD processing upcoming] ○ Survey monuments and any backfill materials associated with these monuments. [CAD processing upcoming] • The following as-built files for the Doris Sumps: <ul style="list-style-type: none"> ○ Annulus crush backfill [Field records to be reviewed] ○ Annulus overburden backfill [Field records to be reviewed]
Data Received	<ul style="list-style-type: none"> • None
Data Outstanding	<ul style="list-style-type: none"> • The following as-built files for the North Dam: <ul style="list-style-type: none"> ○ Final compiled transition material surface and linework [CAD processing upcoming]
Data Upcoming	<ul style="list-style-type: none"> • The following as-built files for the North Dam: <ul style="list-style-type: none"> ○ Final surface and linework of over thermosyphon crush (after compaction) ○ Instrumentation

MULTI-BEAD GROUND TEMPERATURE CABLES

- Ground temperature cables within the Doris-Windy Road bridge abutments were recorded
- Ground temperature cables with the Doris Creek Bridge abutments were recorded
- Ground temperature cables by the Pollution Control Pond were recorded
- Ground temperature cables at the North Dam Stations 1+75, 1+30, and 0+85 were recorded

WATER MANAGEMENT

- The snow around the berms at Windy is being removed
- The Windy Shop is being cleaned up

DAM SHELL:

- ND-DSP-100 was completed in the morning (Figure 1).
- ND-DSP-070 was completed in the afternoon. Borehole log to follow.
- ND-IN-120-3:
 - The Vacuum Truck fitted with a 2" diameter hose was used to remove the water and any fine granular material that entered the Inclinator casing during remediation.
 - The Dummy Probe was run in both grooves to confirm the Inclinator Casing was functioning
 - The Inclinator Casing was sounded several hours later to confirm all the water had been removed and that no water is entering this installation.
- The compactor was run on the downstream face of the dam in the areas that were disturbed by instrument installation
- Locations for the Surface Survey Points were staked-out.
- Most of the large ROQ boulders, used to install the surface settlement survey pins were installed [except those close to where drilling activities were taking place along Station 0+70]. These boulders were recessed within the dam shell. A small excavation with a bedding layer of core material prepared. The boulder was settled within this small excavation and backfilled with ROQ so only the upper portion of the boulder will be exposed. This will ensure the surface survey pins only experience movement of the dam shell. The survey pins still to be installed.
- General clean-up and compaction around the dam continues. The excavations around the GTC Instrumentation Cluster Stations are being cleaned up and core material stockpiled to be used once the monitoring equipment has been installed.

GENERAL

- Clean-up at Old Windy Cam and at Major's Drill Shop at Patch continues.

FIGURES



Project No. 110008059-0320 Site Hapi Bay
 Prepared by A. Hane Date May 3, 2012
 Approved by _____ Date _____

Subject ND-DSP-100 Sheet 1 of 1

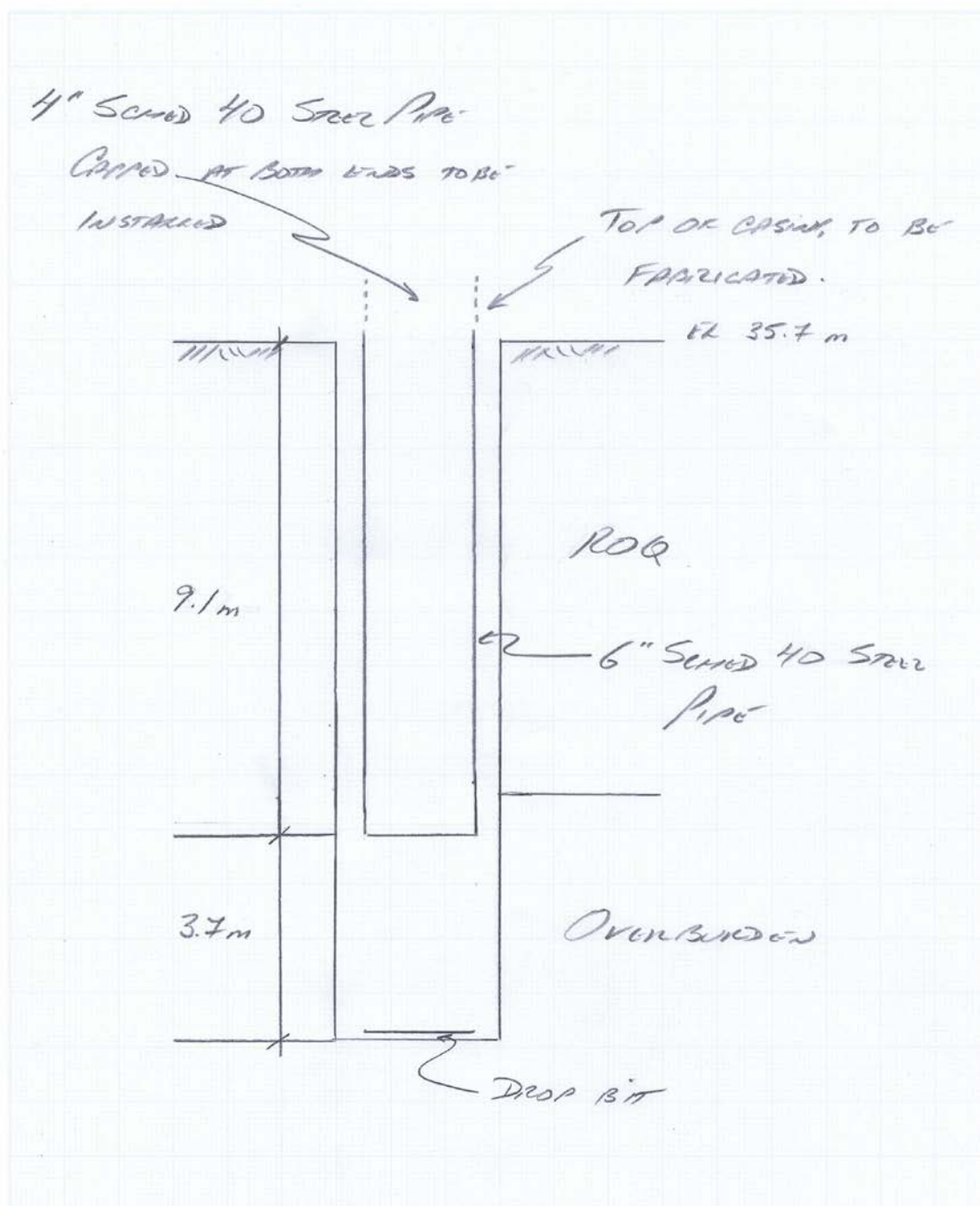


Figure 1: Borehole log for ND-DSP-100.

Figure 2: As-built of slope indicator casing installation for ND-IN-120-3.

PHOTOS



Photo 1: Instrumentation installation activities on the downstream face of the dam.